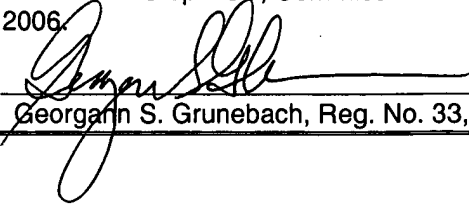


Certificate of Mailing under 37 CFR 1.8

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Date: March 24, 2006


Georgann S. Grunebach, Reg. No. 33,179



Patent
PD-201148
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Ernest C. Chen et al.	:	Group Art Unit:	2631
Serial No.:	10/068,039	:	Examiner:	TORRES, Juan A.
Filed:	February 5, 2002	:	Date:	March 24, 2006
For:	PREPROCESSING SIGNAL LAYERS IN A LAYERED MODULATION DIGITAL SIGNAL SYSTEM TO USE LEGACY	:		

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 (b)(4)

Mail Stop RCE
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

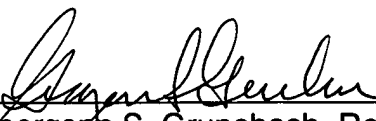
The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

This statement should be considered because it is submitted before the mailing of a first Office action after the filing of a request for continued examination under §1.114 and therefore it is believed that no fee is due with this submission under 37 C.F.R. §1.97(b)(4).

If a fee is due, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 
Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
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P. O. Box 956
El Segundo, CA 90245

Telephone No. (310) 964-4615

Date: March 24, 2006

Substitute for form PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

Application Number	10/068,039
371(c) Filing Date	February 5, 2002
First Named Inventor	Ernest C. Chen
Art Unit	2631
Examiner Name	TORRES, Juan A.

Sheet 1 of 2

Attorney Docket Number PD-201148

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,731,700	05-2004	Yakhnich et al.	
		US-6,411,797	06-2002	Estinto, Eugene	
		US-2002/0071506	06-2002	Lindquist et al.	
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Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete if Known	
	Application Number	10/068,039
	371(c) Filing Date	February 5, 2002
	First Named Inventor	Ernest C. Chen
	Art Unit	2631
	Examiner Name	TORRES, Juan A.
Sheet 2 of 2		Attorney Docket Number PD-201148

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		EP 0929164	07-1999	Societe Europeene des Satellites		
		WO 02/073817	09-2002	Nokia Corporation		
		WO 99/20001	04-1999	Silberger et al.		

Examiner Signature		Date Considered	
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Substitute for form PTO/SB/08B INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete if Known	
	Application Number	10/068,039
	Filing Date	February 5, 2002
	First Named Inventor	Ernest C. Chen
	Art Unit	2631
	Examiner Name	TORRES, Juan A.
Sheet 1 of 1	Attorney Docket Number	PD-201148

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998, John Wiley & Sons, Inc.; pages 212-213 and 217-218; XP002364874	
		FANT, T. et al.; "Fourth-Power Law Clock Recovery with Prefiltering"; Proceedings of the International Conference on Communications (ICC); Geneva; May 23-26, 1993; New York; IEEE; US; Vol. 3; 23 May 1993; pages 811-815 XP010137089, ISBN: 0-7803-0950-2; Section I, Introduction	

Examiner Signature		Date Considered	
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